ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Byron V. Peters	01/21/03	03-0044	-	301/883-4077	2013	SE

8. CCR Title: Test F-Secure SSH version 3.1 in the IDG cell

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 01/29/03
Byron V. Peters /s/ 01/23/03	**IN**	**CCR**	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Carolyn Whitaker /s/ 01/23/03	Initial ECS Baseline Doc.	Routine

16. Documentation/Drawings Impacted *(Review and submit checklist):* Provided with release for VATC	17. Schedule Impact:	18. CI(s) Affected:

19. Release Affected by this Change: 6A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach)   ☐Action Item   ☐Tech Ref. ☐GSFC   ☐Other:

23. Problem: (use additional Sheets if necessary)
SSHv1 has been replaced by SSHv2 and needs to be removed from each system as it is a potential security vulnerability. SSH 2.4 has recently been revealed to have a potential security hole that should be fixed and the SSH 3.1 replacement has other bug fixes and improvements that should be implemented.

24. Proposed Solution: (use additional sheets if necessary)
The IRIX 6.5 and Solaris 8 packages and a tar file with the /tools/bin applications have been generated from F-secure provided files and need to go through the standard testing and implementation regimen starting with the IDG cell. The ssh31.tar.gz file will be available on lemmings by the close of business 21 January.

25. Alternate Solution: (use additional sheets if necessary)
N/A

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Potential security vulnerabilities could comprimise ECS.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF   ☐PVC ☐VATC ☐EDC   ☐ GSFC ☐LaRC   ☐NSIDC   ☐SMC ☐AK ☐JPL   ☐EOC   ☒ IDG Test Cell   ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): **Kevin Lange /s/ 1/24/03**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. M&O CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #:   03-0044   Rev: -   Originator: Byron V. Peters

Telephone: 301/883-4077   **Office:** 2013

Title of Change: Test F-Secure SSH version 3.1 in the IDG cell

Installation instructions

Sun installation:
1. Login to host as root or su to root.
2. Copy the ssh31.tar.gz file to /tmp or other convienient location.
3. Explode the file using the command:
        # gzip –dc ssh31.tar.gz | tar –xvf -
4. Change directory to the ssh31 directory using the command:
        # cd ssh31
5. Backup the existing files using the command:
        # cpssh.sh
6. Remove the old packages using the command:
        # pkgrm –d ssh21
        (answer yes to any questions asked)

        ...
        # pkgrm –d ssh20
        (answer yes to any questions asked)

        ...
7. Change directory to the Sun install
        # cd /tmp/ssh31/sun

        Install the new package:
        # pkgadd –d ssh31
8. Logoff

SGI Installation:
. Login to host as root or su to root.
2. Copy the ssh31.tar.gz file to /tmp or other convienient location.
3. Explode the file using the command:
        # gzip –dc ssh31.tar.gz | tar –xvf -
4. Change directory to the ssh31 directory using the command:
        # cd ssh31
5. Backup the existing files using the command:
        # cpssh.sh
6. Remove the old packages using the commands:
        # inst
        inst > remove ssh21
        inst> go
        (answer yes to any questions asked)
        ...
        inst> remove ssh20
        inst> go
        (answer yes to any questions asked)
        ...
        inst> quit
7. Change directory to the SGI install
cd /tmp/ssh31/sgi

8. Install the new package:
        # inst
        inst> from
        inst> .
        inst> go

inst> quit

9. Logoff

Utilities Installation:
1. Logon to the automount host as root or su to root
2. Explode the ssh31.tar.gz file in /tmp or other convienient location
3. Make the automount directory and map if required (use auto.misc???) Note: There needs to be at least a solaris8 and irix65 architecture available.
4. Change directory to ssh31/ssh31utils
5. Install the utilities using the command:
    # ssh31utils
6. Logoff